



California Crop Weather

Cooperating with the California Department of Food and Agriculture
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FREQUENCY: Weekly
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WEATHER

Overall a cooler week across the State as we head into fall. The synoptic-scale setup featured tropical moisture surging into the southern deserts from Hurricane Paine, while the first Pacific Northwest low pressure system made landfall, bringing in cooler weather and some light showers along the Sierras.

In the mountains, afternoon highs were in the 60s-70s. Overnight lows fell into the 20s-40s on most nights. Areas along the coast north of San Francisco saw highs in the 60s-70s, with overnight lows in the 40s-50s. Coastal areas south of the bay saw highs in the 70s-80s with a few 90s, and overnight lows in the 50s-60s. Valley locations saw highs in the 80s-90s. Overnight lows were in the 40s-50s, although a few places near the foothills saw upper 30s with patchy frost on Friday and Saturday morning, while other locations only dropped into the 60s. Desert areas saw highs ranged from the 60s to the mid-90s, with a location or two reaching over 100, and overnight lows were typically in the 40s-60s range.

Rainfall last week was mostly limited to the southern deserts as tropical moisture from Hurricane Paine clipped the southern end of the state. These areas saw rain on Monday through Thursday. Most areas probably received around half an inch to one inch of rain. Also few rain showers fell in the Sierras mid-week as westerly flow led to orographic uplift. These showers were very light, dropping close to a tenth of an inch of rain. No reliable snowfall was measured in the mountains last week, although some snow showers mixed in at high elevations in the northern and central Sierras during the middle of the week.

FIELD CROPS

In Tulare County, **corn** silage harvest continued. **Sorghum** silage was in several stages of development, where some fields were being harvested. Harvested silage fields were being tilled in preparation for winter grains. **Cotton** was past flowering stage, and bolls were opening. Cotton defoliation began in some areas. **Alfalfa** was irrigated, cut, and baled. **Black-eyed beans** were windrowed and harvested. In Fresno County, winter grains were being planted.

FRUIT CROPS

Late season **peach**, **nectarine**, and **plum** harvests were drawing to a close. Topping and pruning began in harvested stone fruit orchards. **Olives** were being picked in the Sacramento Valley. **Pomegranate** harvest continued. **Persimmons** continued to gain size and color. Wine, table, and raisin **grape** harvests were complete for some varieties and ongoing for others. Raisin grapes continued to dry and those that had completed the process were rolled and picked up. Valencia **orange** harvest was winding down while the harvest of **lemons** and **limes** continued. Navel oranges continued to develop well.

NUT CROPS

The **almond** harvest continued. The second shake of **pistachios** was underway. **Walnut** harvest preparation continued in some locations, while harvest began in others.

VEGETABLE CROPS

In San Mateo County, the Halloween **pumpkin** harvest was well underway. The **Brussel sprouts** harvest continued. In Monterey County, the harvest of leafy greens continued with high production and good prices. The mild weather and dry conditions were ideal for harvesting. In Fresno County, **onions** and **garlic** were harvested. The last of the organic **lettuce** seed was harvested. Winter **carrots** were fertilized and cultivated. The ground was prepared and pre-irrigated for winter onion planting. Land was prepared for planting **broccoli** for seed. In general, irrigation tape was removed and ground was prepared for next year's crops. In Tulare County, fall vegetables, including pumpkins, were developing well. **Zucchini**, Italian **squash**, **Bell peppers**, **tomatoes**, **sweet corn**, **eggplant**, and **cucumbers** were harvested for local stands and Farmers' Markets.

LIVESTOCK

Foothill range and non-irrigated pasture were in fair to very poor condition after a hot dry summer. Rangeland quality was poor to very poor at lower elevations. Supplemental feeding continued. Sheep grazed retired cropland and recently harvested vegetable fields.

CALIFORNIA CROP WEATHER – WEEK ENDING 9/25/2016											
STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION 1/			
	Average Week Ending 9/25/2016	Departure from Normal 2/	High	Low	This Year	Normal Year 2/	This Season	This Week	This Season	Normal Season 2/	Normal Year 2/
					January 1 - 9/25/2016	January 1 - 9/252016	July 1 - 9/25/2016	Week Ending 9/25/2016	July 1 - 9/252016	July 1 - 9/252016	July 1 - June 30
North Coast Eureka WFO Ukiah Santa Rosa Napa State Hospital Central Coast San Francisco San Jose Salinas Monterey King City Ag Paso Robles Sacramento Valley Redding Red Bluff Willows 6W Oroville Marysville Sacramento San Joaquin Valley Stockton Modesto Merced Macready Madera Fresno Lemoore NAS Visalia Bakersfield Cascade Sierra Alturas Mount Shasta Blue Canyon Yosemite Valley South Coast Santa Maria Santa Barbara Oxnard NWS Riverside Los Angeles San Diego Southeast Interior Bishop Daggett Lancaster ATC Thermal Blythe Imperial CA	- - Degrees Fahrenheit - -				- - Number - -		- - Days 3/ - -	- - Inches of Precipitation - -			
	58	2	75	47	25	73	5	0.01	0.41	1.23	38.10
	70	3	101	43	1789	1367	0	0.00	0.00	0.73	38.90
	70	4	98	44	1085	992	0	0.00	0.00	0.56	31.01
	70	4	98	46	1243	1075	0	0.00	0.00	0.49	26.46
	68	5	94	52	686	471	0	0.00	0.00	0.25	20.11
	72	4	97	52	1542	1428	0	0.00	0.00	0.32	15.08
	65	2	93	50	507	521	0	0.00	0.00	0.26	12.91
	63	1	88	50	236	243	0	0.00	0.00	0.42	20.35
	68	1	99	43	1210	1160	0	0.00	0.00	0.26	12.30
	70	3	103	41	1839	1561	0	0.00	0.00	0.39	13.08
	77	6	104	50	3075	2335	0	0.00	0.00	0.62	33.52
	77	4	105	53	2978	2515	0	0.00	0.00	0.79	24.07
	72	2	98	49	2321	1943	0	0.00	0.00	0.40	19.03
	76	7	99	50	2736	2053	0	0.00	0.00	0.60	28.75
	74	3	99	48	2435	2341	0	0.00	0.00	0.46	22.07
	73	3	98	49	2193	1871	0	0.00	0.00	0.38	17.93
	74	3	102	50	2297	2124	0	0.00	0.00	0.36	13.84
	76	5	102	51	2881	2242	0	0.00	0.00	0.34	13.12
	73	2	102	46	2479	2233	0	0.00	0.00	0.20	12.50
	75	4	104	48	2679	2366	0	0.00	0.00	0.21	11.94
	77	4	104	52	3223	2572	0	0.00	0.00	0.23	11.23
	74	3	106	45	2846	2297	0	0.00	0.00	0.28	7.89
	73	2	102	47	2781	2338	0	0.00	0.00	0.23	11.03
	79	4	105	55	3615	2884	0	0.00	0.00	0.19	6.49
	56	1	85	24	663	451	3	0.01	0.09	1.24	12.13
	60	3	86	37	1043	509	1	0.08	0.08	1.51	39.16
	64	3	83	39	1080	669	1	0.06	0.06	1.97	66.36
	64	-2	93	40	1683	1219	1	0.01	0.01	1.46	37.73
	67	4	97	46	591	527	0	0.00	0.00	0.35	14.01
	70	4	96	48	834	1026	1	0.00	0.01	0.52	16.93
	73	7	102	55	1296	897	0	0.00	0.00	0.41	15.62
	78	4	100	54	3050	2470	0	0.00	0.00	0.44	10.22
	73	5	92	61	1581	1447	1	0.00	0.01	0.41	13.15
	74	3	89	62	1936	1718	3	0.32	0.32	0.28	10.77
	69	5	96	43	2083	1708	0	0.00	0.00	0.54	5.02
	76	-1	100	51	4193	3533	0	0.00	0.00	1.12	4.17
	73	3	101	47	2940	2347	0	0.00	0.00	0.40	7.40
	80	-3	105	55	5067	4570	3	0.29	0.29	0.93	3.53
	83	-2	105	60	5535	4770	3	0.13	0.51	1.44	4.02
	83	-1	108	59	5506	4528	2	0.21	0.21	0.66	2.96

1/ Precipitation (rain or melted snow/ice).
2/ Normal periods 1970-2000 used in Departure From Normal calculations.
3/ Total number of days with precipitation events this season.

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